

## **Patent Abstracts of Japan**

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APPLICANT:

DAINIPPON PRINTING CO LTD;

**INVENTOR:** 

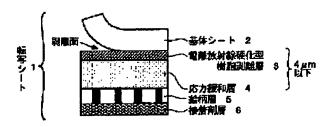
MATANO TAKASHI;

INT.CL.

B41M 3/12 B44C 1/17

TITLE

TRANSFER SHEET



ABSTRACT :

PURPOSE: To provide a transfer sheet prevented from the generation of peeling or a crack and enhanced in durability by forming a release layer from an ionizing radiation curable resin having high hardness and supressing the concn. of strain to the ionizing radiation curable resin release layer by a stress relaxing layer.

CONSTITUTION: An ionizing radiation curable resin release layer 3, a streess relaxing layer 4, if necessary, a pattern layer 5 and an adhesive layer 6 are successively provided to a substrate sheet 2 to obtain a transfer sheet wherein the thickness of the ionizing radiation curable resin release layer 3 is 1/2 or less that of the stress relaxing layer 4 and the sum thickness of the ionizing radiation curable resin release layer 3 and the stress relaxing layer 4 is  $4\mu$ m or less and the elongation at break of the stress relaxing layer 4 is  $4\mu$ m or less and the elongation at break of the stress relaxing layer 4 is  $4\mu$ m or less and the elongation at break of the stress relaxing layer 3.

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